



BEFORE THE
PUBLIC SERVICE COMMISSION OF WISCONSIN

Application of Northern States Power Company, a Wisconsin
Corporation and Wholly-Owned Subsidiary of Xcel Energy Inc., for
Authority to Adjust Electric and Gas Rates

4220-UR-115

FINAL DECISION

This is the Final Decision in the application of Northern States Power Company (NSPW), a Wisconsin corporation, d/b/a Xcel Energy, for authority to reopen this docket and increase its retail electric rates in 2009.

The Stipulation between the parties is accepted, no increase in rates is authorized over the base rates established in the Commission's *Final Decision* in docket 4220-UR-115, dated January 8, 2008, as amended by the Commission's Interim Decision and Order in docket 4220-FR-102.

Introduction

On August 1, 2008, NSPW filed a request pursuant to Wis. Stat. §§ 196.02, 196.03, 196.20, and 196.37 for authority to reopen this docket and increase its Wisconsin retail electric rates by \$47,100,000, an 8.6 percent increase, to be effective January 1, 2009. These proposed rates are based on the 10.75 percent return on common equity the Commission approved in the base case in December 2007.

On September 5, 2008, a prehearing conference was held to determine the issues to be addressed in this docket and to establish a schedule for the hearing.

On October 31, 2008, a technical hearing for the current rate case application was held in Madison. On November 3, 2008, public hearings were held in Madison, Eau Claire, and La Crosse.

The Commission considered this matter at its open meeting on December 11, 2008.

The parties, for purposes of review under Wis. Stat. §§ 227.47 and 227.53, are listed in Appendix A. Others who appeared are listed in the Commission's files.

Findings of Fact

1. Presently authorized rates for NSPW's electric utility operations will produce an annual revenue deficiency of \$5,588,000.
2. NSPW presently has an over-collection of interim fuel surcharge revenue through October, a refund liability of approximately \$6,600,000.
3. NSPW estimates it will have incurred a fuel refund liability of approximately \$7,600,000 by December 31, 2008.
4. The Stipulation between the parties in this docket to offset the revenue deficiency with the fuel refund liability is reasonable.
5. A 2009 total company test year fuel cost of \$1,458,792,000 is reasonable.
6. A 2009 total company test year level of monitored fuel costs of \$1,283,636,000 is reasonable.
7. It is reasonable to estimate test year fuel costs based on indices as of November 14, 2008.
8. It is reasonable to reflect \$1,000,000 of test year fuel cost savings, on a Wisconsin retail basis, due to the Midwest Independent Transmission System Operator (MISO) implementation of its Ancillary Services Market (ASM).

9. It is reasonable to accept all other Commission staff proposed fuel cost adjustments.

10. It is reasonable to reflect a \$1,802,973 decrease, on a Wisconsin retail basis, to the fixed-charge portion of the estimated 2009 Interchange Agreement bill.

11. It is reasonable to include all uncontested Commission staff adjustments to NSPW's filed electric revenue requirements.

12. It is reasonable to approve the rate changes for electric service and the test year forecasted customer class revenue as shown in Appendix C.

Conclusions of Law

The Commission concludes it has jurisdiction under Wis. Stat. §§ 1.12, 196.02, 196.025, 196.03, 196.19, 196.20, 196.21, 196.37, 196.374, 196.395, and 196.40 and Wis. Admin. Code chs. PSC 113, 116, and 134 to enter a Final Decision authorizing NSPW to implement the Stipulation and offset the 2009 revenue deficiency with a portion of the 2008 fuel refund liability.

Opinion

Applicant and Its Business

NSPW is a public utility, as defined in Wis. Stat. § 196.01(5), operating as an electric and natural gas utility in Wisconsin. NSPW is engaged in providing electric service to approximately 245,000 retail customers in northwestern Wisconsin, 10 wholesale customers in the same general area, and 9,000 retail customers in Michigan. In addition, the applicant provides natural gas service to approximately 95,000 customers in Wisconsin and 5,300 customers in Michigan. NSPW is a wholly-owned subsidiary of Xcel Energy, Inc.

Stipulation

In order to avoid customer confusion and the administrative burden of implementing a rate increase in January 2009 followed by a refund just a few months later, NSPW reached a Stipulation with the parties. The parties agreed that the Commission should apply the estimated year-end refund liability (\$7,600,000) as an offset to the rate increase (\$5,588,000) approved in this reopener.¹ The revenue deficiency of \$5,588,000 will be offset in accordance with the process and procedures stated in the Stipulation. The Stipulation (Appendix B) is incorporated into this Final Decision.

Income Statement

Electric Fuel Costs

The total company test year fuel costs of \$1,458,792,000 reflect the cost of generation, purchased capacity (including transmission) and energy, less revenues from opportunity sales of energy and capacity. The test year fuel costs divided by the test year estimate of net native energy requirements of approximately 48,210,719 megawatt-hour (MWh) is \$.03026 per kilowatt-hour (kWh). These amounts include the total Xcel North system native energy requirements and costs to arrive at fuel cost data. Including these costs is appropriate in view of NSPW's Interchange Agreement with Northern States Power-Minnesota (NSP-M), an agreement approved by the Federal Energy Regulatory Commission that allocates shared costs between the two sister utilities. The total fuel costs are based on various indices for natural gas, oil, and forward electricity prices as of November 14, 2008.

¹ Wal-Mart agreed to the Stipulation in principle, but did not sign the agreement.

Electric Monitored Fuel Rules Costs and Monitoring Ranges

A reasonable estimate of fuel costs for monitoring purposes is \$1,283,636,000 for approximately 48,210,719 MWh, or \$.02663 per kWh. This excludes fuel handling, ash disposal, sulfur dioxide (SO₂) allowances, capacity purchases, and associated transmission. This level of fuel costs to be monitored through the fuel rules is reasonable.

It is reasonable to use the following fuel monitoring ranges for NSPW: (1) for the annual range, plus or minus 2 percent; (2) for the monthly range plus or minus 8 percent; and (3) for the cumulative range, plus or minus 8 percent for the first month of the year, plus or minus 5 percent for the second month, and plus or minus 2 percent for the remaining months of the year.

Fuel Cost Savings Due to Implementation of MISO's ASM

Commission staff proposed an adjustment decreasing fuel costs by approximately \$1,688,000 on a Wisconsin retail basis to reflect the impact of MISO's implementation of its ASM. NSPW opposed acceptance of this proposed adjustment for three reasons: (1) the cost study used to calculate the benefit was done in 2006, and in its opinion, outdated; (2) given the delays already experienced in implementing the ASM market, NSPW maintained it was likely the start date for the ASM would be further delayed; and (3) given MISO's history in starting the Day 2 market, NSPW maintained MISO would again initially operate in a very conservative manner, resulting in little or no cost savings in the first year of operations. Based on its own analysis, NSPW proposed that if any adjustment were made to reflect ASM-related fuel cost savings in the test year, that the adjustment be limited to \$382,000 on a Wisconsin retail basis.

Commission staff responded stating that: (1) the 2006 market-wide cost study is the only study of estimated benefits available; (2) that when MISO implements the ASM it will have almost four years of experience running the energy market; and (3) MISO has not stated any

intent to further delay the startup date. Commission staff also stated that MISO had recently announced an additional \$50,000,000 to \$100,000,000 of estimated annual costs savings due to the implementation of the ASM.

The Commission notes that while the 2006 MISO study of estimated benefits is more than two years old, it is the only system-wide study of potential ASM benefits available. The Commission also notes that MISO had recently identified an additional \$50,000,000 to \$100,000,000 annually of estimated ASM-related savings, on a system-wide basis. While the Commission has every reason to believe that the ASM will be implemented by MISO on January 6, 2009, it also believes it is questionable whether the full estimated cost savings will be achieved initially. Accordingly, the Commission will reflect \$1,000,000 on a Wisconsin retail basis, in the 2009 test year as a reasonable estimate of ASM related fuel cost savings. Commissioner Azar dissents on this issue and would reflect Commission staff's proposed \$1,688,000 of ASM-related fuel cost savings.

Interchange Agreement Fixed-charges

The Interchange Agreement separates production and transmission costs into three major components. Those components include: (1) fixed-charges (return, depreciation, property taxes, income taxes, and insurance); (2) fixed-costs (net capacity purchases and the fixed portion of operating and maintenance (O&M) expenses); and (3) variable-costs (fuel, purchases, sales to non-associated utilities and variable O&M expenses). Commission staff reviewed all three components of the Interchange Agreement costs, using a variety of audit tools and methodologies. The audit fit the appropriate audit tool and methodology to the type of cost in a manner similar to that used in a normal rate case audit.

The specific components of the fixed-charge portion of the Interchange Agreement bill were reviewed individually – the return, depreciation, property taxes, income taxes, and insurance. Then the fixed-charge portion of the Interchange Agreement bills was reviewed on a budget-to-actual basis. The \$2 million (\$1.8 million Wisconsin retail basis) Commission staff adjustment decreasing the fixed-charge portion of the Interchange Agreement bill was a direct result of that review. In the analysis of the other non-fuel components of the Interchange Agreement, such as production and transmission operations and maintenance (O&M) expense, similar and different audit tools and methodologies were used. Because of the reopener nature of the filing and type of expense, the review of production and transmission O&M expense was more project-specific.

Commission staff noted that it is not inconsistent within a rate proceeding to use the type of audit tool or methodology that best fits the particular area or expense. The Interchange Agreement fixed-charges are basically plant or asset-based, and in a typical rate proceeding, it is common to use budget-to-actual comparisons for the analysis of that type of cost. Interchange Agreement non-fuel costs are not homogeneous. There is a difference between the fixed-charges and the production and transmission O&M expenses in the nature of the costs² themselves that lends itself to different analysis.

NSPW argued that focusing only on the Interchange Agreement fixed-charge without considering budget-to-actual differences in total non-fuel Interchange Agreement costs produces the wrong answer and does not consider all relevant variables. To substantiate its argument,

² O&M expenses (production and transmission included) contain loadings (pension and benefits) and payroll. Given the nature of this reopener and the exclusion of O&M expense increases related to distribution, common, general, customer accounting, sales, and general and administrative functions, a review of loadings and payroll would have required auditing all O&M expenses and the associated allocations.

NSPW provided what it believes is a comparable analysis, a three-year average deviation from budget-to-actual for the non-fuel O&M expenses. That analysis shows that NSPW has historically under-budgeted production and transmission O&M expenses by \$3,500,000 million on average. NSPW argued that the issue comes down to a matter of fairness, that the company provided information to staff showing that the type of analysis used for the fixed-charge adjustment, if applied to the other non-fuel components of the Interchange Agreement costs, would eliminate the fixed-charge adjustment.

The Commission notes that Commission staff followed normal audit practices, that the use of different audit tools for different types of expenses is a normal rate case procedure. The Commission commends both the company and Commission staff for working toward an understanding of the Interchange Agreement and the development of common ground. The Commission expressed interest in continuing the in-depth review of the Interchange Agreement and having the understanding and the ability to fully audit that agreement by NSPW's next full rate proceeding. Additionally, the Commission encourages NSPW and Commission staff to work on identifying the cause of the budget-to-actual variances in the production and transmission O&M expenses. The Commission accepts Commission staff's adjustment to the Interchange Agreement fixed-charges. It is reasonable to reflect a \$1,802,973 decrease, on a Wisconsin retail basis, in the fixed-charge portion of the estimated 2009 Interchange Agreement bill as reflected in NSPW's test year revenue requirement.

Electric Rate Design

NSPW's current electric rates include the base rates authorized in the January 8, 2008, Commission *Final Decision* in docket 4220-UR-115 and the interim fuel surcharge authorized in the May 5, 2008, Commission *Interim Decision and Order* in docket 4220-FR-102. The

Commission determined that changing NSPW's electric rates by adding the current base rate energy charges and the interim fuel surcharge to achieve new base energy rates is appropriate. The description of the electric rate change in the Stipulation is similar. The Commission finds that the electric rate changes shown in Appendix C reasonably reflect the forecasted fuel and purchased power costs.

Order

1. This Final Decision shall be effective on the date of mailing.
2. The newly authorized rates become effective on January 1, 2009. NSPW shall file with the Commission new electric tariffs that are consistent with the authorized rates shown in Appendix C and shall place copies thereof in all offices and pay stations prior to January 1, 2009.
3. The 2009 test year revenue deficiency of \$5,588,000 will be offset by the estimated 2008 year-end fuel refund liability of \$7,600,000 in accordance with the process and procedures stated in the Stipulation.
4. The Stipulation attached as Appendix B is approved and incorporated in its entirety into this Final Decision.
5. The fuel costs in Appendix D shall be used for monthly monitoring of NSPW's fuel costs, pursuant to Wis. Admin. Code ch. PSC 116.
6. NSPW shall report monthly to the Commission its actual total system cost of generation and purchased energy less revenues from opportunity sales of energy and capacity (monitored fuel costs). NSPW shall otherwise comply with the fuel cost determination and monitoring ranges as set forth in the Findings of Fact.

Docket 4220-UR-115

7. No final hearing in Docket 4220-FR-102 will occur. This docket will be closed in a separate order.

Dated at Madison, Wisconsin, December 30, 2008

By the Commission:



Sandra J. Paske
Secretary to the Commission

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See attached Notice of Rights

PUBLIC SERVICE COMMISSION OF WISCONSIN
610 North Whitney Way
P.O. Box 7854
Madison, Wisconsin 53707-7854

**NOTICE OF RIGHTS FOR REHEARING OR JUDICIAL REVIEW, THE
TIMES ALLOWED FOR EACH, AND THE IDENTIFICATION OF THE
PARTY TO BE NAMED AS RESPONDENT**

The following notice is served on you as part of the Commission's written decision. This general notice is for the purpose of ensuring compliance with Wis. Stat. § 227.48(2), and does not constitute a conclusion or admission that any particular party or person is necessarily aggrieved or that any particular decision or order is final or judicially reviewable.

PETITION FOR REHEARING

If this decision is an order following a contested case proceeding as defined in Wis. Stat. § 227.01(3), a person aggrieved by the decision has a right to petition the Commission for rehearing within 20 days of mailing of this decision, as provided in Wis. Stat. § 227.49. The mailing date is shown on the first page. If there is no date on the first page, the date of mailing is shown immediately above the signature line. The petition for rehearing must be filed with the Public Service Commission of Wisconsin and served on the parties. An appeal of this decision may also be taken directly to circuit court through the filing of a petition for judicial review. It is not necessary to first petition for rehearing.

PETITION FOR JUDICIAL REVIEW

A person aggrieved by this decision has a right to petition for judicial review as provided in Wis. Stat. § 227.53. The petition must be filed in circuit court and served upon the Public Service Commission of Wisconsin within 30 days of mailing of this decision if there has been no petition for rehearing. If a timely petition for rehearing has been filed, the petition for judicial review must be filed within 30 days of mailing of the order finally disposing of the petition for rehearing, or within 30 days after the final disposition of the petition for rehearing by operation of law pursuant to Wis. Stat. § 227.49(5), whichever is sooner. If an *untimely* petition for rehearing is filed, the 30-day period to petition for judicial review commences the date the Commission mailed its original decision.³ The Public Service Commission of Wisconsin must be named as respondent in the petition for judicial review.

If this decision is an order denying rehearing, a person aggrieved who wishes to appeal must seek judicial review rather than rehearing. A second petition for rehearing is not permitted.

Revised July 3, 2008

³ See *State v. Currier*, 2006 WI App 12, 288 Wis. 2d 693, 709 N.W.2d 520.

APPENDIX A
(CONTESTED)

In order to comply with Wis. Stat. § 227.47, the following parties who appeared before the agency are considered parties for purposes of review under Wis. Stat. § 227.53.

Public Service Commission of Wisconsin
(Not a party but must be served)
610 N. Whitney Way
P.O. Box 7854
Madison, WI 53707-7854

NORTHERN STATES POWER COMPANY

John D. Wilson
Michael Best & Friedrich LLP
PO Box 1806
Madison, WI 53701-1806

CITIZENS UTILITY BOARD

Curt F. Pawlisch
Kira E. Loehr
Cullen Weston Pines & Bach LLP
122 West Washington Avenue, Suite 900
Madison, WI 53703

CITY OF LaCROSSE

Anita Gallucci
Rhonda Hazen
Boardman Law Firm
PO Box 927
Madison, WI 53701-0927

RENEW WISCONSIN

Michael Vickerman
222 South Hamilton Street
Madison, WI 53703

WAL-MART

Alan R. Jenkins
Jenkins at Law, LLC
1933 Pine Bluff
Marietta, GA 30062

Docket 4220-UR-115

WISCONSIN INDUSTRIAL ENERGY GROUP

Steven A. Heinzen

Rea L. Holmes

Godfrey & Kahn, S.C.

1 East Main Street, Suite 500

Madison, WI 53703

WISCONSIN PAPER COUNCIL

Earl J. Gustafson

PO Box 718

Neenah, WI 54957-0718

EXHIBIT 6

Part 2 of 2
4220-UR-115
11/21/2008 (aff)

PSC REF#: 104668

Docket Number 4220-UR-115
2009 Reopener
Delayed Exhibit No. 6

**OFFICIAL FILING BEFORE THE
PUBLIC SERVICE COMMISSION OF WISCONSIN**

Application of Northern States Power Company,
a Wisconsin Corporation and Wholly Owned
Subsidiary of Xcel Energy Inc., for
Authority to Adjust Electric Rates
(2009 Reopener)

Docket No. 4220-UR-115

Fuel Rules Proceeding to Adjust Northern States Power
Company Wisconsin, d/b/a Xcel Energy, Electric Rates
Originally Set in Docket 4220-UR-115

Docket No. 4220-FR-102

STIPULATION

Northern States Power Company, a Wisconsin corporation and wholly owned subsidiary of Xcel Energy Inc. ("NSPW" or "the Company"), Citizens Utility Board ("CUB"), Wisconsin Industrial Energy Group, Inc. ("WIEG"), and Wal-Mart Stores East, LLP ("Wal-Mart") (collectively the Company, CUB, WIEG and Wal-Mart are the "Parties") are Parties in Docket Nos. 4220-UR-115 and 4220-FR-102 and hereby stipulate as follows:

BACKGROUND

Docket No. 4220-FR-102

1. On April 7, 2008, NSPW filed an application under Wis. Admin. Code PSC 116.07 for authority to increase rates by \$19.7 million on an annual basis to reflect an extraordinary increase in fuel costs. By order dated May 5, 2008, the Commission issued an interim decision and order authorizing an interim fuel surcharge at the level requested by the Company. Pursuant to PSC 116.07(2) revenues collected under the interim surcharge are subject to refund with interest at NSPW's current authorized return on common stock equity of 10.75%. As of the date of this Stipulation, the interim surcharge remains in effect as the Commission has yet to establish final rates as contemplated under section PSC 116.07(3).

2. NSPW's actual fuel costs for April through October 2008 were less than anticipated in the forecast upon which interim rates were set. As a result, the interim fuel

Public Service Commission of Wisconsin
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surcharge has resulted in an over-collection of interim fuel surcharge revenue through October, and the Company has recorded a refund liability of approximately \$6.6 million. This includes interest at 10.75% through October 31, 2008.

3. Based on an updated forecast using November 14 market prices for fuel and purchased power, NSPW anticipates the interim fuel surcharge will continue to over-collect revenues in November and December. By the end of 2008, the Company estimates it will have incurred a refund liability of approximately \$7.6 million ("Estimated Year-end Refund Liability"). This amount includes interest at 10.75% through December 31, 2008.

4. Notwithstanding the over-collection of interim surcharge revenues and the Estimated Year-end Refund Liability, the Company estimates it will still under-recover 2008 fuels costs by approximately \$3.1 million. This is due to the regulatory lag inherent in the Commission's application of PSC 116.

Docket No. 4220-UR-115

5. On August 1, 2008, NSPW filed a request to increase rates for 2009 in the amount of \$47.1 million. This filing was a limited reopening of Docket No. 4220-UR-115 to update production and transmission costs that pass through the Interchange Agreement and was authorized by the Commission in its Final Decision in this docket dated January 8, 2008.

6. Since the time NSPW prepared its August 1, 2008 rate request, fuel and purchase power costs have decreased dramatically. Also, the Commission staff has completed its audit of the Company's August 1 filing and the PSCW staff and Company have reached agreement on most of the issues in the case. Based on an updated November 14th forecast of fuel and purchased power, and considering issues that are uncontested in the rate case, the Company estimates the current 2009 test year revenue deficiency ranges between \$4.9 million (staff) and \$8.4 million (Company).

7. Under the Commission's standard rate making practices and traditional application of PSC 116, NSPW would implement the 2009 rate increase in early January 2009 and would refund any over-collection of interim fuel surcharge revenues, including interest, beginning in March or April of 2009.

AGREEMENT

8. To avoid customer confusion and the administrative burden of implementing a rate increase in January 2009 followed by a refund just a few months later, the Parties agree that the Commission should apply the Estimated Year-end Refund Liability as an offset to the rate increase ultimately approved by the Commission in this rate case (2009 reopener). Under this proposal, the Commission would set NSPW's 2009 electric rates based on the net revenue deficiency (i.e. 2009 test year revenue deficiency less the Estimated Year-end Refund Liability). In the event the Estimated Year-end Refund Liability exceeds the 2009 test year revenue deficiency, such that applying the entire Estimated Year-end Refund Liability against the 2009 revenue deficiency would result in a rate decrease, the offset to the rate increase will be limited to that portion of the Estimated Year-end Refund Liability equal to the 2009 revenue deficiency, such that there is no change to NSPW's revenue requirements.

9. Notwithstanding the fact that under this Stipulation there will be no change to the Company's overall revenue requirements for the 2009 test year as compared to rates currently in effect, the Parties agree the Commission should establish new base rates by rolling the existing interim fuel surcharge into all energy rates and services in a manner consistent with the way the interim surcharge revenues are now being collected. The resulting rate design results in large energy customers, in particular, having higher rates than they would otherwise have had if the credit from Docket No. 4220-FR-102 was not used as an offset to the revenue deficiency in Docket No. 4220-UR-115, but instead the two dockets were concluded independent of one another.

10. After receipt of the report described in paragraph 14 and the Company's December 2008 monthly fuel report, filed pursuant to PSC 116.05, the Commission will review, under PSC 116.07, the Company's 2008 actual fuel costs and will make a determination as to whether NSPW's average cost of fuel is an extraordinary increase and, if so, whether the interim fuel surcharge has resulted in an over or under-collection of revenues during the period it was in effect.

11. After review of the Company's actual 2008 fuel costs, the Commission shall authorize the Company to defer any positive or negative difference between the amount of rate offset credited to customers under paragraph 8 and the final Commission determined

over or under-collection of interim fuel surcharge revenues as determined in paragraph 10 (“Deferred Balance”).

12. In the event the Deferred Balance is positive (i.e. the Company is owed additional revenue) the Company shall include the Deferred Balance in the Company’s 2010 rate case, including carrying costs at the current authorized short-term debt rate in Docket No. 4220-UR-115 (5.4%). In the event the Deferred Balance is negative (i.e. the Company owes customers an additional refund) the Company shall refund the Deferred Balance to customers, including carrying costs at the current authorized return on equity in Docket No. 4220-UR-115 (10.75 %). This refund, if any, will be returned to customers as a per kWh credit on all energy rates and services.

13. Nothing in this Stipulation limits the ability of NSPW to request deferral of any increase in fuel cost for an emergency under PSC 116.06 prior to December 31, 2008 or thereafter, and nothing in this Stipulation limits the ability of any party to challenge rate recovery of these deferred costs. NSPW also agrees that it will not file any further requests in 2008 for increases in rates due to extraordinary increases in the cost of fuel as provided under PSC 116, notwithstanding any rights NSPW would otherwise have to file for such an increase under the applicable rules.

CONDITIONS

14. As soon as practicable after December 31, 2008, but no later than January 31, 2009, NSPW shall provide to the Parties and Commission staff a report setting forth the difference between the net amount collected in retail rates (total collections less the 2008 refund used to offset the rate impacts of the rate order issued in Docket No. 4220-UR-115) for fuel costs incurred by NSPW since its 2008 interim order, through December 31, 2008.

15. Pending the outcome of the Commission staff review and consent by the Parties, the hearing to set final rates in Docket No. 4220-FR-102, as contemplated under PSC 116.07(3), will not be necessary given that actual 2008 fuel costs will be known. Where such consent is given, the Parties stipulate that the Commission may issue a final order closing Docket No. 4220-FR-102 without a hearing.

16. The Parties acknowledge that this Stipulation is the result of negotiation and settlement of disputed positions and is acceptable to each only when approved by the Commission in its entirety without a hearing. The individual provisions of this Stipulation

are intended to have effect only as part of the entire Stipulation. The Parties further acknowledge that the Stipulation and its individual provisions, alone or in combination with others, have no value or precedent outside the confines of Docket Nos. 4220-UR-115 and 4220-FR-102.

Dated November 21, 2008.

NORTHERN STATES POWER COMPANY, a Wisconsin Corporation

By: /s/ John D. Wilson

CITIZENS UTILITY BOARD

By: /s/ Curt F. Pawlisch

WISCONSIN INDUSTRIAL ENERGY GROUP

By: /s/ Steven Heinzen

WAL-MART STORES EAST, LLP

By: _____

Northern States Power Company (Wisconsin)
SUMMARY OF ELECTRIC REVENUE
FOR TEST YEAR 2009

INDIVIDUAL RATE CLASSES	PRESENT REVENUES	AUTHORIZED REVENUES	DOLLAR CHANGE	PERCENT CHANGE
Rg-1 (Residential)	\$ 188,548,485	\$ 188,548,485	\$ (0)	0.0%
Rg-2 (Residential - Optional Time-of-Day)	10,671,075	10,671,075	0	0.0%
Fg-1 (Farm Service)	7,746,332	7,746,332	0	0.0%
Cg-6 (Optional Off-Peak Service -- Res.)	55,943	55,943	0	0.0%
S-1 (Automatic Protective Lighting -- Res.)	455,238	455,190	(48)	0.0%
Cg-1 (Small General - Optional Time-of-Day)	437,744	437,744	0	0.0%
Cg-2 (Small General Non-TOD)	43,149,540	43,149,540	0	0.0%
S-1 (Automatic Protective Lighting -- Com.)	541,296	541,232	(64)	0.0%
Ms-6 (Underground Area Lighting - Private)	33,156	33,125	(31)	-0.1%
Cg-5 (General Service TOD)	88,072,027	88,071,823	(204)	0.0%
Cg-6 (Optional Off-Peak Service -- C&I)	192,234	192,234	0	0.0%
Cp-2 (Peak Controlled Non-TOD)	2,891,836	2,891,836	0	0.0%
Cg-9 (Large General TOD)	140,804,228	140,758,248	(45,980)	0.0%
DS-1 (Military Fac. Distrib. Service)	498,962	498,962	0	0.0%
Cp-1 (Peak Controlled Service)	46,704,049	46,650,154	(53,895)	-0.1%
RTP-1 (Real-Time Pricing)	12,537,980	12,537,980	0	0.0%
Ms-2 (Company Owned Street Lighting)	3,277,002	3,276,959	(43)	0.0%
Ms-3 (Cust. Owned Incand./Fluor. Lighting)	6,466	6,463	(3)	0.0%
Ms-4 (Customer Owned Lighting)	594,493	594,376	(117)	0.0%
Ms-6 (Underground Area Lighting - Public)	285,805	285,680	(125)	0.0%
Ms-7 (Metered - Customer Owned Lighting)	39,439	39,439	0	0.0%
Mp-1 (Municipal Water Pumping)	1,105,430	1,105,430	0	0.0%
Mz-3 (Fire Siren Service)	2,892	2,892	0	0.0%
Pg-2 (Parallel Generation Service)	362	362	0	0.0%
TOTAL ELECTRIC RETAIL SALES	548,652,014	548,551,505	(100,509)	0.0%
Interdepartmental Sales	204,246	204,166	(80)	0.0%
TOTAL ELECTRIC	\$ 548,856,260	\$ 548,755,671	\$ (100,589)	0.0%

Northern States Power Company (Wisconsin)
ELECTRIC RATES

RATE CLASS & RATE DESCRIPTIONS		PRESENT RATES	AUTHORIZED RATES
RESIDENTIAL SERVICE, Rg-1			
Customer Charge (per Month)	Single-Phase	\$8.00	\$8.00
	Three-Phase	\$10.00	\$10.00
Water Heating Meter Chg. (per Month per Meter)		\$2.00	\$2.00
Load Management Credit (per Month):			
Water Heating		\$2.00	\$2.00
Air Conditioning (Summer Only)		\$6.00	\$6.00
Energy Charge (per kWh)	Summer	10.1637 ¢	10.4757 ¢
	Non-Summer	9.1637 ¢	9.4757 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢
RESIDENTIAL TOD SERVICE, Rg-2			
Customer Charge (per Month)	Single-Phase	\$8.00	\$8.00
	Three-Phase	\$10.00	\$10.00
Energy Charge (per kWh):	On-Peak (Summer)	19.2890 ¢	19.6010 ¢
	On-Peak (Non-Summer)	17.7890 ¢	18.1010 ¢
	Off-Peak (Summer)	4.7030 ¢	5.0150 ¢
	Off-Peak (Non-Summer)	4.7030 ¢	5.0150 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢
FARM SERVICE, Fg-1			
Customer Charge (per Month):	Single-Phase	\$8.00	\$8.00
	Three-Phase	\$10.00	\$10.00
Load Management Credit (per Month):			
Water Heating		\$2.00	\$2.00
Air Conditioning (Summer Only)		\$6.00	\$6.00
Energy Charge (per kWh)	Summer	10.1637 ¢	10.4757 ¢
	Non-Summer	9.1637 ¢	9.4757 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢
SMALL GENERAL SERVICE, Cg-2			
Customer Charge (per Month):	Single-Phase	\$8.00	\$8.00
	Three-Phase	\$10.00	\$10.00
Un-metered Cust. Charge (per Month):	Single-Phase	\$4.50	\$4.50
	Three-Phase	\$6.50	\$6.50
Water Heating Meter Chg. (per Month per Meter)		\$2.00	\$2.00
Energy Charge (per kWh)	Summer	10.1637 ¢	10.4757 ¢
	Non-Summer	9.1637 ¢	9.4757 ¢
Act 141 \$ in Base Rates		0.0840 ¢	0.0840 ¢
Approx. Act 141 \$ in Lg.Cust. Rates		0.0500 ¢	0.0500 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢

Northern States Power Company (Wisconsin)
ELECTRIC RATES

RATE CLASS & RATE DESCRIPTIONS		PRESENT RATES	AUTHORIZED RATES
SMALL GENERAL TOD SERVICE, Cg-1			
Customer Charge (per Month):	Single-Phase	\$8.00	\$8.00
	Three-Phase	\$10.00	\$10.00
Energy Charge (per kWh):	On-Peak (Summer)	19.2890 ¢	19.6010 ¢
		17.7890 ¢	18.1010 ¢
	Off-Peak (Summer)	4.7030 ¢	5.0150 ¢
		4.7030 ¢	5.0150 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢
GENERAL SERVICE, Cg-5			
Customer Charge (per Month)		\$30.00	\$30.00
Demand Charges (per kW):	Secondary (Summer)	\$10.65	\$10.65
	Secondary (Non-Summer)	\$8.65	\$8.65
	Primary (Summer)	\$10.15	\$10.15
	Primary (Non-Summer)	\$8.20	\$8.20
Energy Charge (per kWh)	Summer	5.2420 ¢	5.5540 ¢
	Non-Summer	4.7420 ¢	5.0540 ¢
Act 141 \$ in Base Rates		0.0840 ¢	0.0840 ¢
Approx. Act 141 \$ in Lg. Cust. Rates		0.0390 ¢	0.0390 ¢
Primary Volt. Energy Discount (per kWh)		2.00%	2.00%
Primary Volt. Demand Discount (per kW)	Summer	\$0.50	\$0.50
	[Discounts Reflected Above] Non-Summer	\$0.45	\$0.45
Energy Charge Credit (per kWh in excess of 400 hours x Billed kW)		0.7000 ¢	0.7000 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢
PEAK CONTROLLED SERVICE, Cp-2			
Customer Charge (per Month)		\$40.00	\$40.00
Demand Charges (per kW):	Firm Demand:		
	Secondary (Summer)	\$10.65	\$10.65
	Secondary (Non-Summer)	\$8.65	\$8.65
	Primary (Summer)	\$10.15	\$10.15
Controlled Demand:	Primary (Non-Summer)	\$8.20	\$8.20
	Secondary (Summer)	\$5.94	\$5.94
	Secondary (Non-Summer)	\$5.94	\$5.94
	Primary (Summer)	\$5.54	\$5.54
Energy Charge (per kWh)	Primary (Non-Summer)	\$5.54	\$5.54
	Summer	5.2420 ¢	5.5540 ¢
	Non-Summer	4.7420 ¢	5.0540 ¢
Act 141 \$ in Base Rates		0.0840 ¢	0.0840 ¢
Approx. Act 141 \$ in Lg. Cust. Rates		0.0300 ¢	0.0300 ¢
Primary Volt. Energy Discount (per kWh)		2.00%	2.00%
Primary Volt. Demand Discount (per kW)	Summer	\$0.50	\$0.50
	[Discounts Reflected Above] Non-Summer	\$0.45	\$0.45
Energy Charge Credit (per kWh in excess of 400 hours x Billed kW)		0.700 ¢	0.700 ¢
Fuel Cost Surcharge (per kWh)		0.312 ¢	0.000 ¢

**Northern States Power Company (Wisconsin)
ELECTRIC RATES**

RATE CLASS & RATE DESCRIPTIONS	PRESENT RATES	AUTHORIZED RATES
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OPTIONAL OFF-PEAK SERVICE, Cg-6

Customer Charge (per Month):	Single-Phase	\$4.00	\$4.00
	Three-Phase	\$10.00	\$10.00
Energy Charge (per kWh)	Secondary (Summer)	4.3320 ¢	4.6440 ¢
	Secondary (Non-Summer)	4.3320 ¢	4.6440 ¢
	Primary (Summer)	4.2454 ¢	4.5511 ¢
	Primary (Non-Summer)	4.2454 ¢	4.5511 ¢
Non-Authorized Use Charge (per kWh)		20.0000 ¢	20.3120 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢

LARGE GENERAL TOD SERVICE, Cg-9

Customer Charge (per Month):	Mandatory	\$155.00	\$155.00
	Optional	\$55.00	\$55.00
On-Peak Demand Charges (per kW):	Secondary (Summer)	\$9.20	\$9.20
	Secondary (Non-Summer)	\$7.20	\$7.20
	Primary (Summer)	\$9.02	\$9.02
	Primary (Non-Summer)	\$7.06	\$7.06
	Trans. Transformed (Sum.)	\$8.69	\$8.69
	Tr. Transform. (Non-Sum.)	\$6.80	\$6.80
	Transmission (Summer)	\$8.65	\$8.65
	Transmission (Non-Sum.)	\$6.77	\$6.77
Customer Demand Charges (per kW):	Secondary	\$1.20	\$1.20
	Primary	\$0.90	\$0.90
	Trans. Transformed	\$0.50	\$0.50
	Transmission	\$0.00	\$0.00
Energy Charge (per kWh):	On-Peak (Summer)	6.8440 ¢	7.1560 ¢
	On-Peak (Non-Summer)	6.1440 ¢	6.4560 ¢
	Off-Peak (Summer)	3.9060 ¢	4.2180 ¢
	Off-Peak (Non-Summer)	3.9060 ¢	4.2180 ¢
Act 141 \$ in Base Rates		0.0840 ¢	0.0840 ¢
Approx. Act 141 \$ in Lg.Cust. Rates		0.0350 ¢	0.0350 ¢
Voltage Discounts - Energy:	Primary	2.00%	2.00%
	Trans. Transformed	5.50%	5.50%
	Transmission	6.00%	6.00%
Voltage Discounts = [Reflected in Demand Charges Above]:			
On-Peak (per kW):	Primary (Summer)	\$0.18	\$0.18
	Primary (Non-Summer)	\$0.14	\$0.14
	Trans. Transformed (Sum.)	\$0.51	\$0.51
	Tr. Transform. (Non-Sum.)	\$0.40	\$0.40
	Transmission (Summer)	\$0.55	\$0.55
	Transmission (Non-Sum.)	\$0.43	\$0.43
Customer (per kW):	Primary	\$0.30	\$0.30
	Trans. Transformed	\$0.70	\$0.70
	Transmission	\$1.20	\$1.20
Energy Charge Credit (Applies up to 400 hours & Limited to 50% of kWh)		0.7000 ¢	0.7000 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢

Northern States Power Company (Wisconsin)
ELECTRIC RATES

RATE CLASS & RATE DESCRIPTIONS		PRESENT RATES	AUTHORIZED RATES
PEAK CONTROLLED TOD SERVICE, Cp-1			
Customer Charge (per Month):	Demands >200 kW	\$175.00	\$175.00
	Demands ≤ 200 kW	\$75.00	\$75.00
On-Peak Demand Charges (per kW):	Secondary (Summer)	\$9.20	\$9.20
	Secondary (Non-Summer)	\$7.20	\$7.20
	Primary (Summer)	\$9.02	\$9.02
	Primary (Non-Summer)	\$7.06	\$7.06
	Trans. Transformed (Sum.)	\$8.69	\$8.69
	Tr. Transform. (Non-Sum.)	\$6.80	\$6.80
	Transmission (Summer)	\$8.65	\$8.65
	Transmission (Non-Sum.)	\$6.77	\$6.77
Customer Demand Charges (per kW):	Secondary	\$1.20	\$1.20
	Primary	\$0.90	\$0.90
	Trans. Transformed	\$0.50	\$0.50
	Transmission	\$0.00	\$0.00
Controlled Demand Charges (per kW):	Secondary (Summer)	\$4.49	\$4.49
	Secondary (Non-Summer)	\$4.49	\$4.49
	Primary (Summer)	\$4.40	\$4.40
	Primary (Non-Summer)	\$4.40	\$4.40
	Trans. Transformed (Sum.)	\$4.24	\$4.24
	Tr. Transform. (Non-Sum.)	\$4.24	\$4.24
	Transmission (Summer)	\$4.22	\$4.22
	Transmission (Non-Sum.)	\$4.22	\$4.22
Energy Charge (per kWh):	On-Peak (Summer)	6.8440 ¢	7.1560 ¢
	On-Peak (Non-Summer)	6.1440 ¢	6.4560 ¢
	Off-Peak (Summer)	3.9060 ¢	4.2180 ¢
	Off-Peak (Non-Summer)	3.9060 ¢	4.2180 ¢
Act 141 \$ in Base Rates		0.0840 ¢	0.0840 ¢
Approx. Act 141 \$ in Lg.Cust. Rates		0.0380 ¢	0.0380 ¢
Voltage Discounts - Energy:	Primary	2.00%	2.00%
	Trans. Transformed	5.50%	5.50%
	Transmission	6.00%	6.00%
Voltage Discounts [Reflected in Demand Charges Above]:			
On-Peak (per kW):	Primary (Summer)	\$0.18	\$0.18
	Primary (Non-Summer)	\$0.14	\$0.14
	Trans. Transformed (Sum.)	\$0.51	\$0.51
	Tr. Transform. (Non-Sum.)	\$0.40	\$0.40
	Transmission (Summer)	\$0.55	\$0.55
	Transmission (Non-Sum.)	\$0.43	\$0.43
Customer (per kW):	Primary	\$0.30	\$0.30
	Trans. Transformed	\$0.70	\$0.70
	Transmission	\$1.20	\$1.20
Energy Charge Credit (Applies up to 400 hours & Limited to 50% of kWh)		0.700 ¢	0.700 ¢
Fuel Cost Surcharge (per kWh)		0.312 ¢	0.000 ¢

**Northern States Power Company (Wisconsin)
ELECTRIC RATES**

RATE CLASS & RATE DESCRIPTIONS	PRESENT RATES	AUTHORIZED RATES
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MILITARY FACILITY DISTRIBUTION SERVICE, DS-1

Distribution Service Charge (per kW)	\$4.28	\$4.28
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EXPERIMENTAL REAL TIME PRICING, RTP-1

Customer Charge (per Month)		\$300.00	\$300.00
Contract Demand Charges (per kW):	Secondary	\$9.20	\$9.20
	Primary	\$9.02	\$9.02
	Trans. Transformed	\$8.06	\$8.06
	Transmission	\$8.02	\$8.02
Distribution Demand Charges (per kW):	Secondary	\$1.20	\$1.20
	Primary	\$0.90	\$0.90
	Trans. Transformed	\$0.50	\$0.50
	Transmission	\$0.00	\$0.00
Energy Charges (per kWh):		Hourly Energy Prices included in the attached tariff schedule	
Approx. Act 141 \$ in Lg.Cust. Rates		0.024 ¢	0.024 ¢
Energy Voltage Discounts (per kWh):	Primary	0.093 ¢	0.093 ¢
	Trans. Transformed	0.248 ¢	0.248 ¢
	Transmission	0.271 ¢	0.271 ¢
Ltd. Energy Surcharge (per kWh)		10.9022 ¢	10.9022 ¢
Energy Charge Credit (Applies up to 400 hours & Limited to 50% of kWh)		0.6100 ¢	0.6100 ¢
Fuel Cost Surcharge (per kWh)		0.3120 ¢	0.0000 ¢

AUTOMATIC PROTECTIVE LIGHTING, S-1

Monthly Charges (per Unit):			
175 Watt MV Lamps (Closed)		\$7.80	\$8.01
250 Watt MV Lamps (Closed)		\$10.36	\$10.67
400 Watt MV Lamps (Closed)		\$13.86	\$14.36
70 Watt HPS Lamps		\$5.64	\$5.73
100 Watt HPS Lamps		\$6.84	\$6.97
150 Watt HPS Lamps		\$8.23	\$8.42
250 Watt HPS Lamps		\$11.08	\$11.41
400 Watt HPS Lamps		\$15.78	\$16.30
Fuel Cost Surcharge (per kWh)		0.312 ¢	0.000 ¢

**Northern States Power Company (Wisconsin)
ELECTRIC RATES**

RATE CLASS & RATE DESCRIPTIONS	PRESENT RATES	AUTHORIZED RATES
COMPANY OWNED STREET LIGHTING, Ms-2		
Monthly Charges (per Lamp):		
<u>Overhead:</u>		
175 Watt MV Lamps (Closed)	\$11.49	\$11.71
250 Watt MV Lamps (Closed)	\$13.03	\$13.34
400 Watt MV Lamps (Closed)	\$16.01	\$16.51
70 Watt HPS Lamps	\$9.53	\$9.62
100 Watt HPS Lamps	\$10.37	\$10.50
150 Watt HPS Lamps	\$11.52	\$11.69
250 Watt HPS Lamps	\$14.22	\$14.54
400 Watt HPS Lamps	\$18.39	\$18.91
175 Watt MH Lamps	\$13.90	\$14.11
250 Watt MH Lamps	\$16.75	\$17.06
400 Watt MH Lamps	\$20.76	\$21.26
1000 Watt MH Lamps	\$35.76	\$36.94
<u>Underground:</u>		
175 Watt MV Lamps (Closed)	\$16.94	\$17.16
250 Watt MV Lamps (Closed)	\$18.38	\$18.69
70 Watt HPS Lamps	\$14.31	\$14.40
100 Watt HPS Lamps	\$15.15	\$15.28
150 Watt HPS Lamps	\$16.29	\$16.48
250 Watt HPS Lamps	\$19.22	\$19.55
400 Watt HPS Lamps	\$23.16	\$23.68
175 Watt MH Lamps	\$23.16	\$23.37
250 Watt MH Lamps	\$25.05	\$25.36
400 Watt MH Lamps	\$28.95	\$29.45
1000 Watt MH Lamps	\$43.49	\$44.67
<u>Decorative Underground:</u>		
100 Watt HPS Lamps	\$32.54	\$32.67
150 Watt HPS Lamps	\$33.95	\$34.14
250 Watt HPS Lamps	\$36.77	\$37.10
400 Watt HPS Lamps	\$40.90	\$41.42
175 Watt MH Lamps	\$35.48	\$35.69
250 Watt MH Lamps	\$37.38	\$37.69
400 Watt MH Lamps	\$41.29	\$41.79
1000 Watt MH Lamps	\$55.89	\$57.07
<u>Maintenance Option:</u>		
100 Watt HPS Lamps	\$7.68	\$7.81
150 Watt HPS Lamps	\$9.12	\$9.31
250 Watt HPS Lamps	\$11.94	\$12.27
400 Watt HPS Lamps	\$16.07	\$16.59
175 Watt MH Lamps	\$10.65	\$10.86
250 Watt MH Lamps	\$12.55	\$12.86
400 Watt MH Lamps	\$16.46	\$16.96
1000 Watt MH Lamps	\$31.07	\$32.25
Fuel Cost Surcharge (per kWh)	0.312 ¢	0.000 ¢

Northern States Power Company (Wisconsin)
ELECTRIC RATES

RATE CLASS & RATE DESCRIPTIONS	PRESENT RATES	AUTHORIZED RATES
CUSTOMER OWNED STREET LIGHTING, Ms-4		
Monthly Charges (per Lamp):		
Group I - Energy and Maintenance:		
175 Watt MV Lamps (Closed)	\$6.30	\$6.52
250 Watt MV Lamps (Closed)	\$7.69	\$8.00
400 Watt MV Lamps (Closed)	\$10.86	\$11.36
700 Watt MV Lamps (Closed)	\$17.12	\$17.97
1000 Watt MV Lamps (Closed)	\$23.02	\$24.21
50 Watt HPS Lamps	\$3.89	\$3.95
70 Watt HPS Lamps	\$4.31	\$4.40
100 Watt HPS Lamps	\$5.11	\$5.24
150 Watt HPS Lamps	\$6.04	\$6.22
250 Watt HPS Lamps	\$8.77	\$9.10
400 Watt HPS Lamps	\$11.97	\$12.49
Group I - Energy and Maintenance (No Paint):		
175 Watt MV Lamps (Closed)	\$6.05	\$6.27
250 Watt MV Lamps (Closed)	\$7.44	\$7.75
400 Watt MV Lamps (Closed)	\$10.61	\$11.11
700 Watt MV Lamps (Closed)	\$16.87	\$17.72
1000 Watt MV Lamps (Closed)	\$22.77	\$23.96
50 Watt HPS Lamps	\$3.64	\$3.70
70 Watt HPS Lamps	\$4.06	\$4.15
100 Watt HPS Lamps	\$4.86	\$4.99
150 Watt HPS Lamps	\$5.79	\$5.97
250 Watt HPS Lamps	\$8.52	\$8.85
400 Watt HPS Lamps	\$11.72	\$12.24
Group II - Energy Only:		
100 Watt MV Lamps (Closed)	\$2.40	\$2.54
175 Watt MV Lamps (Closed)	\$3.83	\$4.05
400 Watt MV Lamps (Closed)	\$8.44	\$8.94
700 Watt MV Lamps (Closed)	\$14.40	\$15.25
1000 Watt MV Lamps (Closed)	\$20.11	\$21.30
35 Watt HPS Lamps	\$0.81	\$0.85
50 Watt HPS Lamps	\$1.16	\$1.22
70 Watt HPS Lamps	\$1.53	\$1.62
100 Watt HPS Lamps	\$2.31	\$2.44
150 Watt HPS Lamps	\$3.57	\$3.76
200 Watt HPS Lamps	\$4.52	\$4.78
250 Watt HPS Lamps	\$5.47	\$5.80
400 Watt HPS Lamps	\$8.62	\$9.14
1000 Watt HPS Lamps	\$19.51	\$20.73
Fuel Cost Surcharge (per kWh)	0.312 ¢	0.000 ¢

**Northern States Power Company (Wisconsin)
ELECTRIC RATES**

RATE CLASS & RATE DESCRIPTIONS	PRESENT RATES	AUTHORIZED RATES
COMPANY OWNED STREET LIGHTING, Ms-4.2 (Closed)		
Ornamental:		
250 Watt MV Lamps	\$14.62	\$14.93
400 Watt MV Lamps	\$17.29	\$17.79
150 Watt HPS Lamps	\$14.65	\$14.84
250 Watt HPS Lamps	\$17.25	\$17.58
Fuel Cost Surcharge (per kWh)	0.312 ¢	0.000 ¢
UNDERGROUND AREA LIGHTING, Ms-6		
Monthly Charges (per Lamp):		
175 Watt MV Lamps (Closed)	\$14.87	\$15.09
100 Watt HPS Lamps	\$13.32	\$13.44
150 Watt HPS Lamps	\$15.14	\$15.33
Fuel Cost Surcharge (per kWh)	0.312 ¢	0.000 ¢
METERED CUSTOMER OWNED STREET LIGHTING, Ms-7		
Customer Charge (per Month)	\$7.25	\$7.25
Energy Charge (per kWh)	5.2100 ¢	5.5220 ¢
Fuel Cost Surcharge (per kWh)	0.312 ¢	0.000 ¢
COMPANY OWNED STREET LIGHTING, Ms-3 (Closed)		
Monthly Charges (per Lamp):		
2,500 Lumen - Incand. (AN)	\$7.26	\$7.46
4,000 Lumen - Incand. (AN)	\$8.80	\$9.10
6,000 Lumen - Incand. (AN)	\$10.55	\$10.99
10,000 Lumen - Incand. (AN)	\$13.98	\$14.65
F72H0 - Fluorescent (4AN)	\$14.41	\$14.87
F72H0 - Fluor. (2AN+2MN)	\$12.73	\$13.08
Fuel Cost Surcharge (per kWh)	0.312 ¢	0.000 ¢
MUNICIPAL WATER PUMPING, Mp-1		
Customer Charge (per Month)	\$10.00	\$10.00
Minimum Charge: Cust. Chg. + All hp > 5 (per hp)	\$0.80	\$0.80
Energy Charge (per kWh)		
Summer	10.1637 ¢	10.4757 ¢
Non-Summer	9.1637 ¢	9.4757 ¢
Primary Voltage Energy Discount (per kWh)	2.00%	2.00%
Fuel Cost Surcharge (per kWh)	0.312 ¢	0.000 ¢
FIRE SIREN SERVICE, Mz-3		
Minimum Charge (per Month)	\$2.00	\$2.00
Rate per hp of Connected Capacity	37.50 ¢	37.50 ¢

**Northern States Power Company (Wisconsin)
ELECTRIC RATES**

RATE CLASS & RATE DESCRIPTIONS	PRESENT RATES	AUTHORIZED RATES
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PARALLEL GENERATION, Pg-1 (Net Energy Billing)

Customer Charge (per Month):		
Non-TOD Service	\$0.00	\$0.00
TOD Service	\$0.00	\$0.00
Upfront Charge (plus Finance Chgs.)	\$0.00	\$0.00

PARALLEL GENERATION, Pg-2

Customer Charge (per Month):			
For Generator Rating: 21-100 kW:	Delivering < 200 amps	\$6.50	\$6.50
	Delivering > 200 amps	\$8.60	\$8.60
For Generator Rating: > 100 kW		15.10	\$15.10
Standard Energy Payments - based on Delivery Voltage (per kWh):			
Transmission Voltage:	On-Peak	9.920 ¢	9.920 ¢
	Off-Peak	4.250 ¢	4.250 ¢
	Average (for Pg-1.1)	6.220 ¢	6.220 ¢
Primary Voltage:	On-Peak	10.340 ¢	10.340 ¢
	Off-Peak	4.430 ¢	4.430 ¢
	Average (for Pg-1.1)	6.490 ¢	6.490 ¢
Secondary Voltage	On-Peak	10.070 ¢	10.070 ¢
	Off-Peak	4.320 ¢	4.320 ¢
	Average (for Pg-1.1)	6.320 ¢	6.320 ¢

HYDRO ENERGY PURCHASE, Pg-2.2 (Closed)

Customer Charge (per Month):			
For Generator Rating: 21-100 kW:	Delivering < 200 amps	\$6.50	\$6.50
	Delivering > 200 amps	\$8.60	\$8.60
For Generator Rating: > 100 kW		15.10	\$15.10
Capacity Rate (Primary) paid per kWh:			
20-Year Option:			
Service beginning in 1992		4.220 ¢	4.220 ¢
Average Energy Rate (Primary):			
For Service in 1996 & After Until Changed by PSC Order		3.060 ¢	3.060 ¢

ELECTRIC SERVICE EXTENSION ALLOWANCES

Residential & Farm Service:		
(for Rg-1, Rg-2, Fg-1)	\$360.00	\$360.00
General Service -- Non-Demand:		
(for Cg-1, Cg-2, Mp-1, Mz-3)	\$405.00	\$405.00
General Service -- Demand:		
(for Cg-5, Cg-9, Cp-1, Cp-2)		
Secondary (per kW):	\$60.00	\$60.00
Primary (per kW):	\$60.00	\$60.00
Street and Area Lighting:		
(for Ms-2, Ms-4, Ms-6)	\$78.00	\$78.00

**Northern States Power Company-Wisconsin
Docket 4220-UR-115 2009 Test Year
Monitored Fuel Costs**

Month	Fuel Cost	kWh	\$ / kWh	Cumulative \$ / kWh
January	\$100,683,767	4,104,477,000	\$ 0.02453	\$ 0.02453
February	\$92,704,906	3,739,677,000	0.02479	0.02465
March	\$93,676,548	3,831,843,000	0.02445	0.02459
April	\$92,484,208	3,570,926,000	0.02590	0.02489
May	\$95,084,261	3,824,613,000	0.02486	0.02489
June	\$113,148,123	4,283,460,000	0.02642	0.02517
July	\$145,695,840	4,690,284,000	0.03106	0.02615
August	\$134,128,139	4,595,543,000	0.02919	0.02658
September	\$103,513,933	3,856,812,000	0.02684	0.02661
October	\$101,380,655	3,828,096,000	0.02648	0.02660
November	\$99,016,317	3,704,498,000	0.02673	0.02661
December	<u>\$112,119,341</u>	<u>4,180,490,000</u>	<u>0.02682</u>	<u>0.02663</u>
Totals	<u>\$1,283,636,038</u>	<u>48,210,719,000</u>	<u>\$ 0.02663</u>	<u>\$ 0.02663</u>